

Inauguration of EC Spectrum



TARANGA

Edition 1

Sep 2015

Vision

Leadership and Excellence in Education



Mission

To fulfill the vision by imparting total quality education replete with the philosophy of blending human values and academic professionalism.

Nagarjuna College of Engineering & Technology Bangalore

Department of Electronics & Communication Engineering

Presents

TARANGA

DEPARTMENTAL NEWS LETTER



Group Photo ECE Department

It is indeed a great pleasure for me that the department of Electronics & Communication Engineering has taken a good Initiative of showcasing the talents of its staff and students, by unveiling the first edition of newsletter “**Taranga**”

I hope that the department continues its good work by doing such activities, thus motivating the staff and student community.

The newsletter should not only be limited to technical aspects, but should also contain information useful to the outside world. I wish the department all the best.



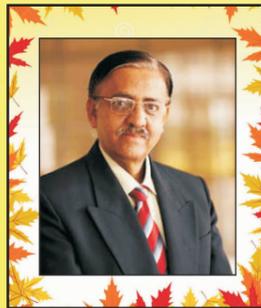
Sri. J. Chaithanya Varma
CEO, NES

I have seen the department of Electronics & Communication Engineering growing to a great height in the last fifteen years. The department keeps doing well in academic, co-curricular and extracurricular activities. Now, it is a pleasure on my part to know that the department exhibits the talents of staff and students by unveiling the first edition of its newsletter “**Taranga**”. I wish the staff and students of the department a great success.



Dr. K.S. Deshikachar
Director, NES

I am extremely happy to say that the department of Electronics & Communication Engineering is the pioneer among all engineering departments of NCET in releasing the newsletter. The department excels not only in academics, but also in other supporting activities, which are very much essential for the students in their overall development. I take this opportunity to congratulate the department by taking this initiative of exhibiting the talents of its staff and students by releasing the newsletter. I expect many more such activities from the department in future and wish the entire team of ECE all the best.



Dr. S. G. Gopalakrishna
Principal, NCET

It gives me immense pleasure to congratulate students, faculties and staff of Electronics and Communication Engineering Department for the publication of newsletter “**Taranga**”.



Dr. Jayadeva G. S.,
Professor & HOD

From the editorial desk:



It gives me immense pleasure to write an editorial note for the first edition of **TARANGA**, which is the yearly newsletter from the department of Electronics and Communication Engineering.

This newsletter has been planned and published to encourage the students and faculty members to bring out their talent in technical and non technical activities. This edition contains activities and achievements of the department in the previous year.

This newsletter helps the students in developing their communication skills and to be updated in the latest technologies and electronics field. It also encourages the students towards writing technical articles.

The editorial team whole heartedly thank the management, principal, students and all the people who directly or indirectly helped in successfully bringing this release of **TARANGA**.

We hope that this release will boost up the department in continuing its work and carrying out many more activities. We wish all the readers and entire team of **TARANGA** all the best.

Mr. Nagesh K.N.
Associate Professor

Vision
“To impart excellence education and carryout research in the field of Electronics and Communication Engineering”

Mission
“To prepare the students with strong fundamentals and enable them for on-going education” To educate, guide, motivate and prepare students to meet the raising challenges of the industry.

e-Yantra Robotics Competition Highlights, IIT Mumbai - 2015

e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

IIT Bombay under e- Yantra conducts nationwide student competition, since four years. In this scheme TWO teams of EC students of Nagarjuna College of Engg. & Technology got selected for 2014 competition, for the initial phase. One of the teams (Mr.Pavan Attavane, Mr.Rama Kumar K S ,Mr. Santhosh Rao Jadav S and Mr. Rajath R Under the Guidance of Dr. G. S. Jayadeva, EC HOD) were selected for final round "e-Yantra Robotics Competition-2014 held on March 27th - 28th, 2015 at IIT Bombay" and secured 3rd prize.

TARANGA

Editorial Staff:

Mr. Rohith .S
Mrs. Rekha .K
Mr. Satheesha T.Y.

TARANGA



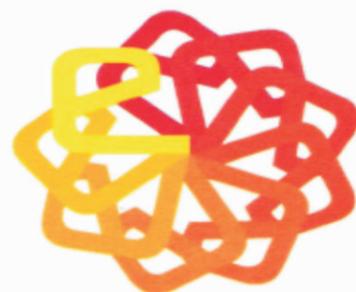
**Farewell for Dr. K.N. Haribhat
Former E.C.E H.O.D**



ERTS Lab

Department of Computer Science and Engineering
Indian Institute of Technology-Bombay,
Powai, Mumbai-400 076.

e-YRC-150328-049



Certificate of Merit

This is to certify that Mr./Ms. *Pavan Attavane* student of *Nagarjuna College Of Engineering & Technology, Bangalore* has participated in the finals of e-Yantra Robotics Competition-2014 held on March 27th-28th, 2015 at IIT Bombay. He/She is a member of the team having the following participants,

1. *Pavan Attavane*
2. *Rama Kumar K S*
3. *Santhosh Rao Jadav S*
4. *Rajat R*

This team is selected as one of six finalists out of 52 teams in the *Fire Fighting* theme and has been placed at *3rd* position in this theme.

Prof. Kavi Arya
Principal Investigator, e-Yantra,
Associate Professor
Computer Science & Engineering Department,
IIT-Bombay.

e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

Engineering a better tomorrow

eYantra

Toppers List UG & PG

Sl. No	USN	Name	Total Marks Scored	Percentage
1st Year				
1	INC14EC091	Sushmitha. D	1258/1550	81.16
2	INC14EC063	N. Alekya	1250/1550	80.60
3	INC14EC018	C. R. Megha Sindhu	1227/1550	79.10
4	INC14EC036	Jaijith. B. C	1192/1550	76.90
5	INC14EC080	Rashmi. A	1191/1550	76.80
2nd Year				
1	INC13EC089	Zaiba Kouser	1386/1800	77
2	INC13EC072	Shilpa Shree. P	1371/1800	76.16
3	INC13EC064	Ritu Rani	1365/1800	75.83
4	INC13EC076	Suhas. M. R	1359/1800	75.50
5	INC13EC074	Smitha. R	1337/1800	74.20
3rd Year				
1	INC12EC009	Amurutha. C. S	1383/1800	77
2	INC12EC088	Shazia. S	1366/1800	75.8
3	INC12EC047	Manjunatha. N	1330/1800	73.8
4	INC12EC056	Mythri.B. S	1327/1800	73.7
5	INC12EC021	Chaithra. G	1319/1800	73.2
4th Year				
1	INC11EC059	Meenakshi. T. V	1416/1650	85.81
2	INC11EC086	Ramakumar. K. S	1351/1650	81.87
3	INC11EC043	Deepthi Kiran. G. N	1342/1650	81.33
4	INC11EC069	Naveen. J	1280/1650	77.57
5	INC11EC051	Khaja Moinuddin. F	1259/1650	76.30
1st Year –M. Tech				
1	INC14LVS52	Sneha. S	1272/1700	74.8
2	INC14LVS08	Smitha. A. P	1202/1700	70.75

Department Activities

Technical Talk

A seminar on the topic "Correlation analysis & its application in communication engineering" was arranged on 29/10/2014, 11am at the MBA seminar hall, for the benefit of UG & PG EC students and college staff by Dr. K. N.Hari Bhat.

"A three day workshop on "Hexapod workshop on Microchip PIC18 Microcontroller" was conducted on 15th, 17th and 29th March 2015. About 40 students attended the workshop and successfully completed assigned task using HEXAPOD.



"Workshop conducted by ASIC Verification Technologies" on 11th April 2015 at NCET, Bangalore.



Guest Lecture and Workshop on "MEMS Devices and Applications" Prof. K.N Bhat, IISC Bangalore on 18/02/2014"



Paper Publication Details

SL. No.	Title Of The Paper	Student Name with USN	Guide's Name	Details of conference / journal with DD-MM-YY
1	"Holographic Visuals Involving Automation"	Hemant L (INC10EC030) Mani P (INC09EC037) Ravi (INC09EC057)	Dr. T Y Satheesha	International Journal of Engineering Research, ISSN No. 2319-6890, Volume No.4, Issue No. Special, PP: 21-25, 22 nd March 2014
2	"Image Processing for Lung Cancer Detection"	Shilpa K S (INC11EC048) Viswanathan (INC12EC105)	Dr. T Y Satheesha	Second International Conference on Networks Information and Communication 2014 on 18 th to 20 th May 2015 at SVCE, Bangalore
3	Ultrasonic Sensor Based Animal Safety System	Vijayaraghavan S (INC10EC063)	Students team work	IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), May 09-11, 2014, Jaipur India



Workshop on Embedded System and Robotics (MICROCHIP's PIC 18) by Dr. N.Nithin Awashi from APsis Solutions on 6th March 2015



Farewell for M. Tech Students



Snippets from Alumni meet : 2014-15

